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esd		US4615034	von Gunten	03-30-1984	
		US4783789	Higgins	07-02-1985	· · · · · · · · · · · · · · · · · · ·
		US4945547	Greene	05-30-1989	
		US5226054	Yarborough	07-06-1993	
V		US5357591	Jiang	10-18-1994	
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S		R.K. LEE, ET AL. "Photonic bandgap disk laser", Electronics Letters, April 1, 1999, p569-570, 35, n. 7, IEEE Stevenage England.				
		D. LABILLOY, ET AL. "Microdisks with circular photonic bandgap boundaries exhibiting high-quality low-order modes". CLEO Europe, Sept 14-18, 1998 Glasgow, p 142, IEEE Piscataway, NJ, USA.				
		PING, EX. "Transmission of planar, cylindrical and spherical multiple dielectric layer systems," Electronics Letters, Oct. 14, 1993, p 1838-1839, v 29, n 21, IEEE, USA				
		M.A. KALITEEVSKI, ET AL, "Bragg reflectors for cylindrical waves", Journal of Modern Optics, April 15 1999, p 875-890, v 46, n 5, Taylor & Francis Ltd, UK				
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